

MS ANALYSIS OF BACE2 CLEAVAGE OF A β IN THE PRESENCE AND ABSENCE OF 100 μ M EXAMPLE 4 OR EXAMPLE 1.

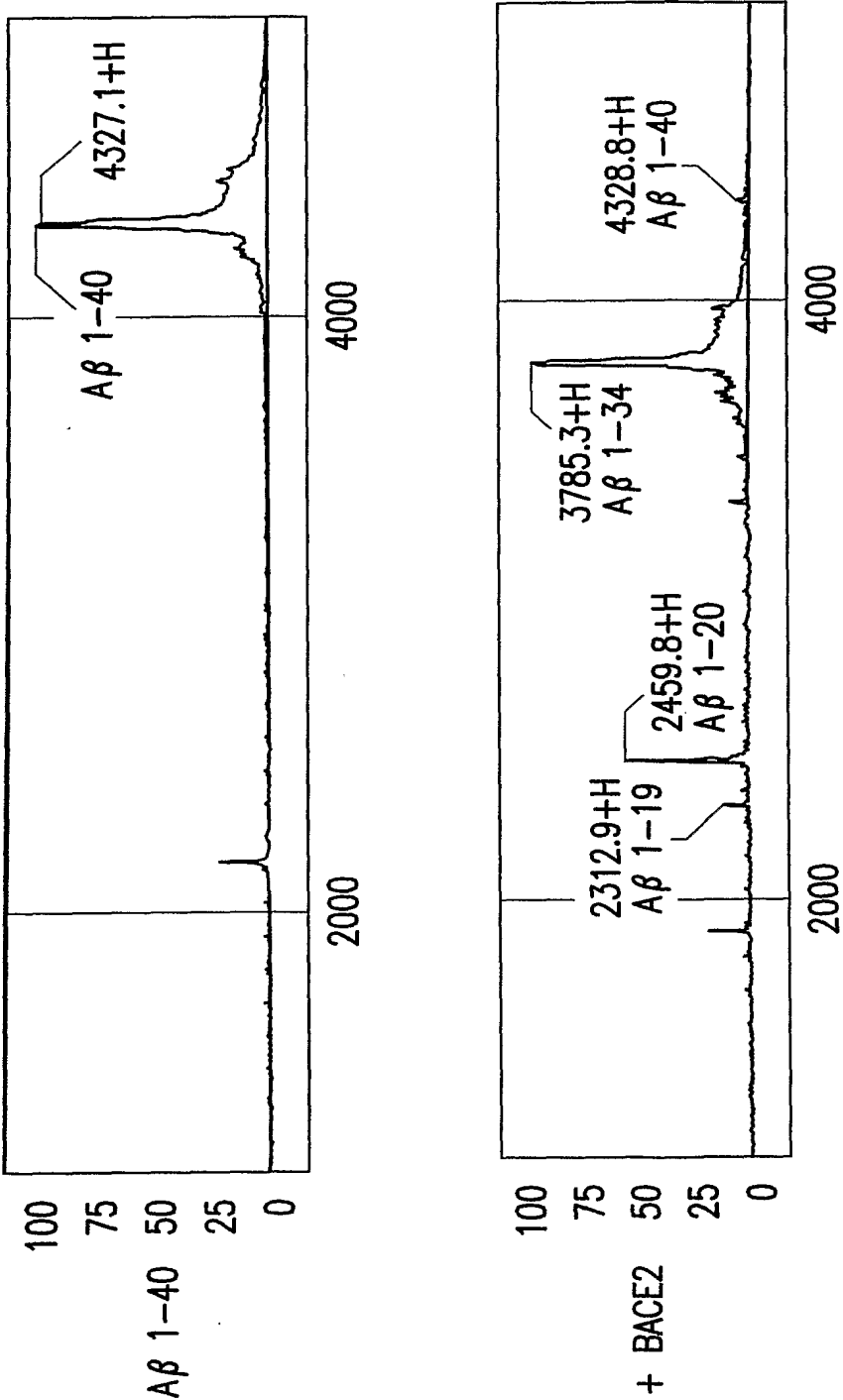


FIG.1A

MS ANALYSIS OF BACE2 CLEAVAGE OF A β IN THE
PRESENCE AND ABSENCE OF 100 μ M EXAMPLE 4 OR EXAMPLE 1.

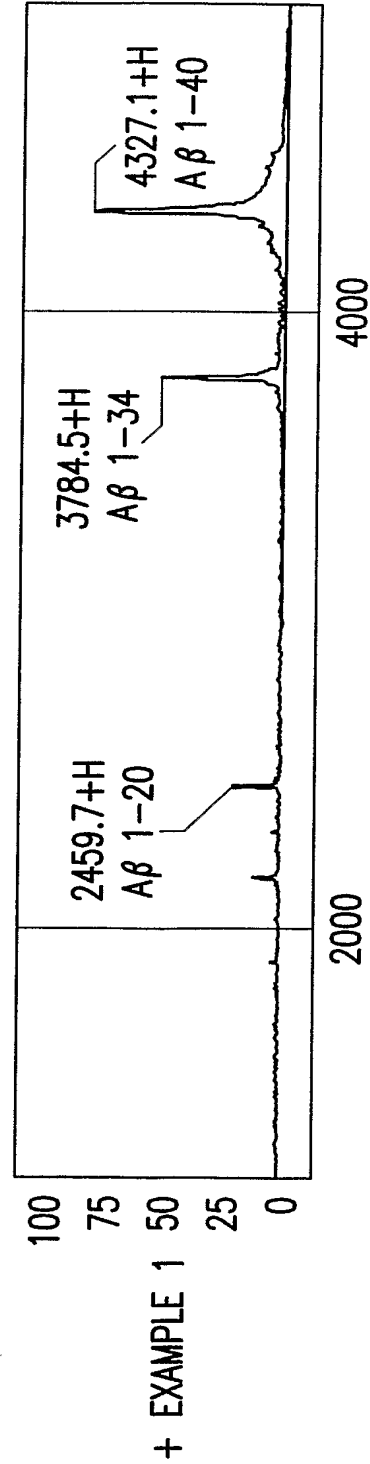
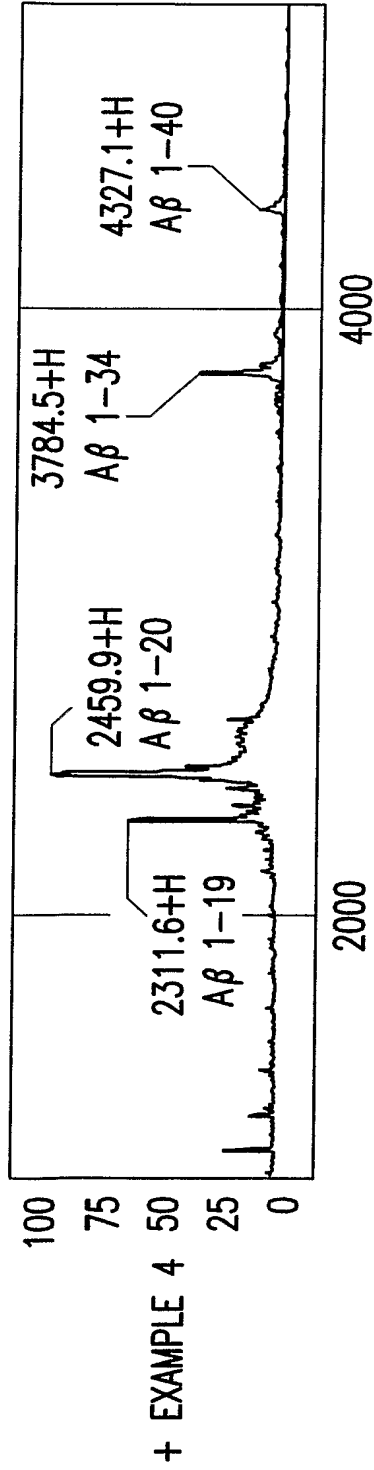
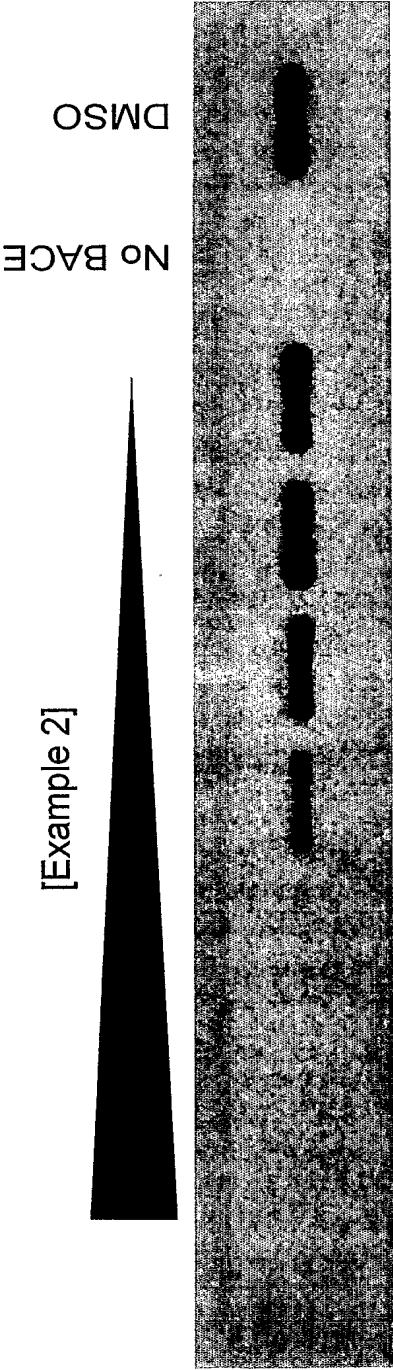


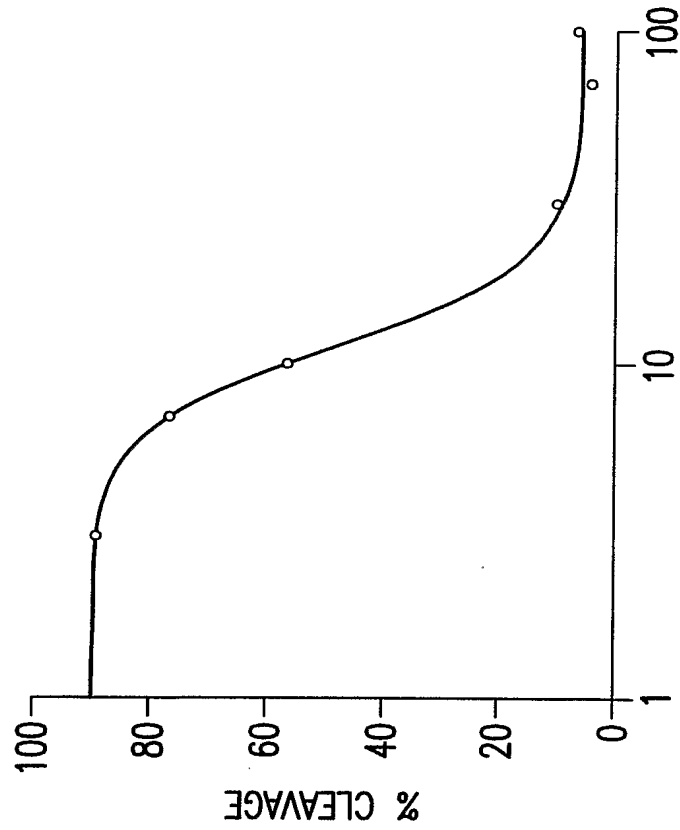
FIG. 1B



Example 2 inhibition of BACE 1 cleavage of full-length APP analyzed by Western blot.

FIG.2A

DENSITOMETRIC QUANTITATION OF WESTERN SHOWING INHIBITION
OF BACE CLEAVAGE OF APP WITH AN IC50 OF 11 μ M.



EXAMPLE 2

FIG.2B

INHIBITION OF BACE1 CLEAVAGE OF APP OR A BETA-SITE P5/P5' PEPTIDE BY
STATINE-VAL OR EXAMPLE 4. STATINE-VAL (A) AND EXAMPLE 4 (B) WERE COMPARED FOR THEIR
ABILITY TO INHIBIT CLEAVAGE OF THE FULL-LENGTH APP SUBSTRATE (○) OR A BETA-SITE P5/P5'
PEPTIDE, WHICH IS AN APP FRAGMENT. (□).

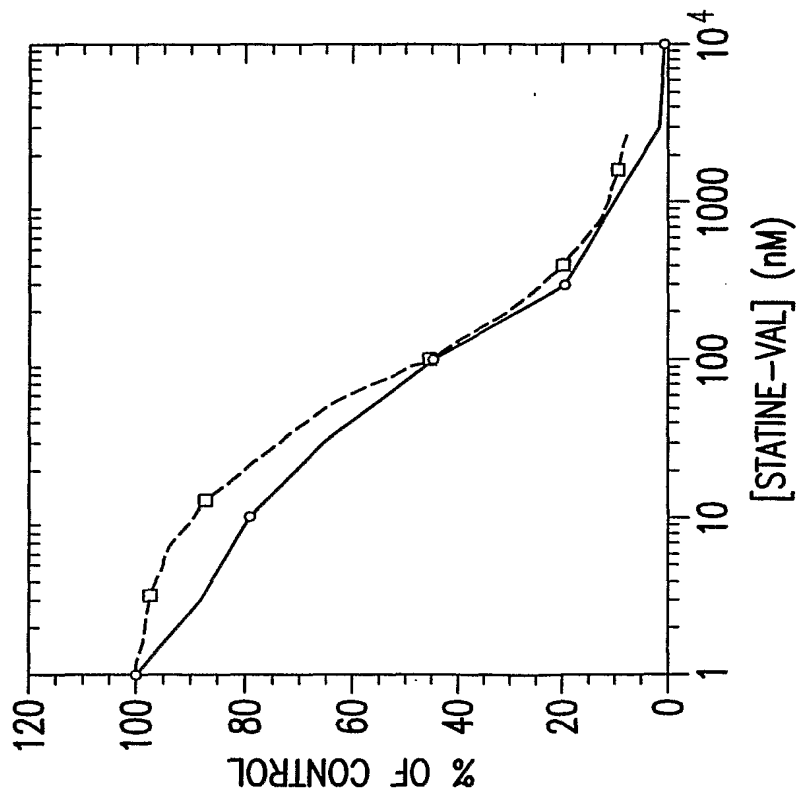


FIG.3A

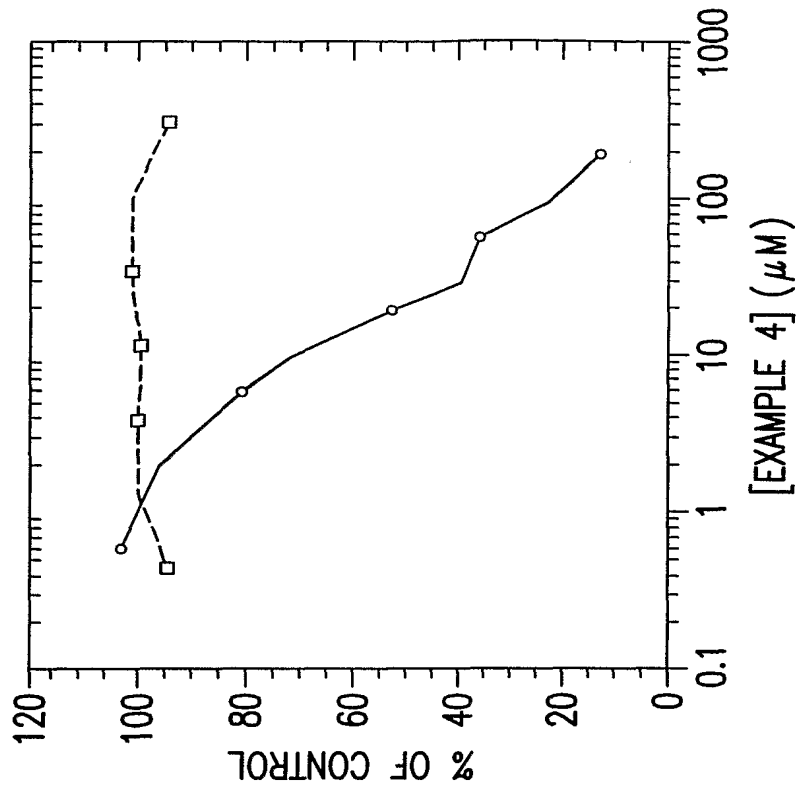


FIG.3B

TITRATION OF EXAMPLE 1 PREFERENTIALLY REDUCES
A β 1-42 LEVELS IN H4-C99 CELLS.

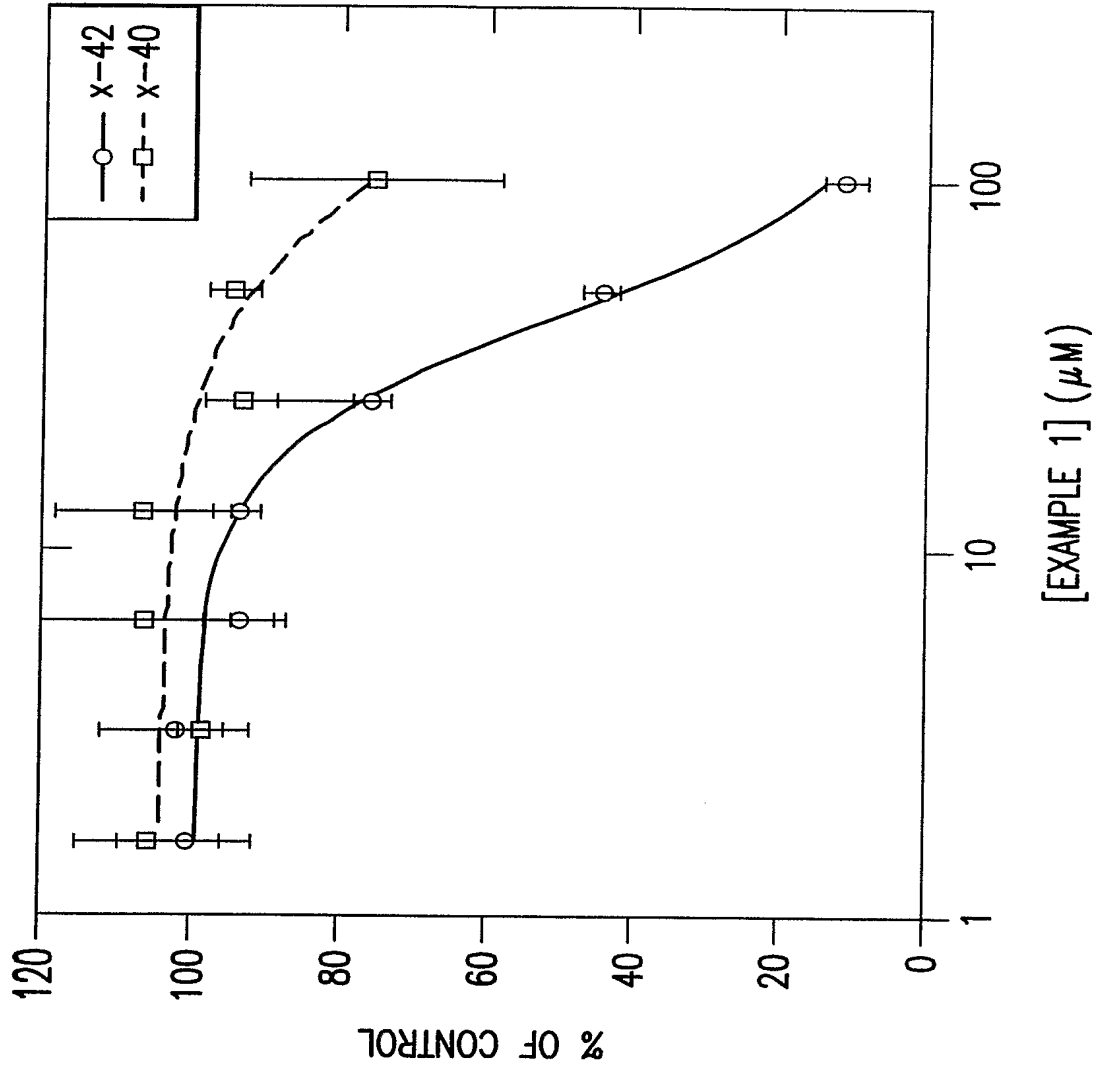
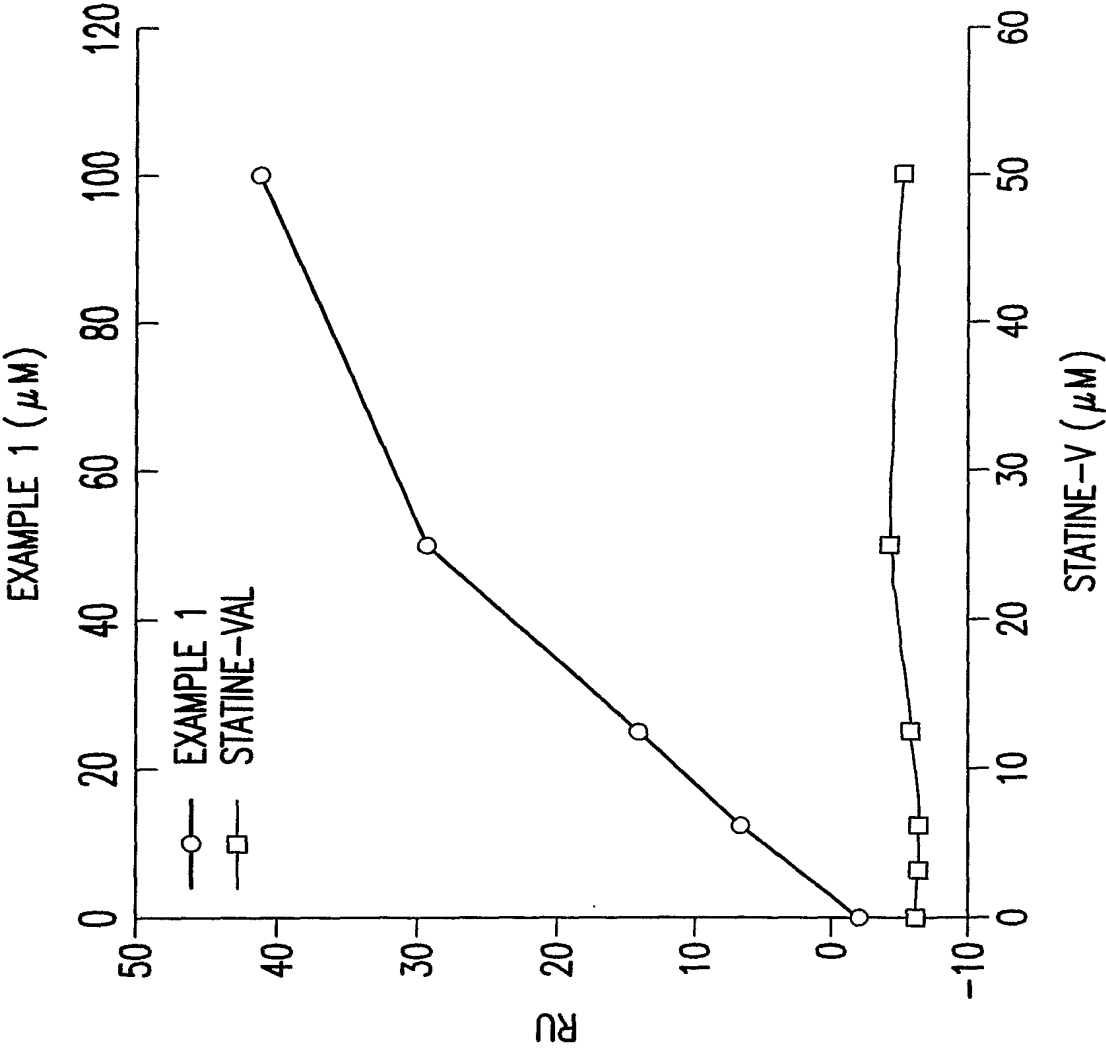


FIG.4



BIACORE S51 ANALYSIS OF APP BINDING
BY THE COMPOUND OF EXAMPLE 1.

FIG.5